

ABSTRACT OF THE DISCLOSURE

The device comprises a first substrate with a plurality of electron emitters arranged in a matrix, a second substrate arranged in opposed relation to the first substrate and having a phosphor pattern formed on the surface thereof nearer to the first substrate for emitting light by receiving the electron beam from the electron emitters and a metal thin film for accelerating the electron beam, and a plurality of spacers arranged between the first and second substrates. The spacers each include first sheet-form support members and second sheet-form support members extending in a direction at right angles to the first sheet-form support members. The first sheet-form support members and the second sheet-form support members are coupled or combined with each other to form spaces with a rectangular section parallel to the first or second substrate.